



Docket No.: R2184.0471/P471  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
Takashi Takahashi

Application No.: 10/560,247

Confirmation No.: 5006

Filed: December 12, 2005

Art Unit: N/A

For: VERTICAL CAVITY SURFACE EMITTING  
SEMICONDUCTOR LASER, LIGHT  
EMISSION DEVICE, AND OPTICAL  
TRANSMISSION SYSTEM

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Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS OF  
APPLICATION**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Parts of Application – Filing Date  
Granted mailed October 5, 2006, Applicant respectfully submits a Combined  
Declaration and Power of Attorney, a Copy of the Notification of Missing  
Requirements.

The Director is hereby authorized to charge any deficiency in the fees filed,  
asserted to be filed or which should have been filed herewith (or with any paper

Application No.: 10/560,247

Docket No.: R2184.0471/P471

hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. R2184.0471/P471. A duplicate copy of this paper is enclosed.

Dated: November 29, 2006

Respectfully submitted,

By 

Mark J. Thronson

Registration No.: 33,082  
DICKSTEIN SHAPIRO LLP  
1825 Eye Street, NW  
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(202) 420-2200  
Attorney for Applicant



NOV 29 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.

10/560,247

FIRST NAMED APPLICANT

Takashi Takahashi

ATTY. DOCKET NO.

R2184.0471/P471

INTERNATIONAL APPLICATION NO.

PCT/JP05/07269

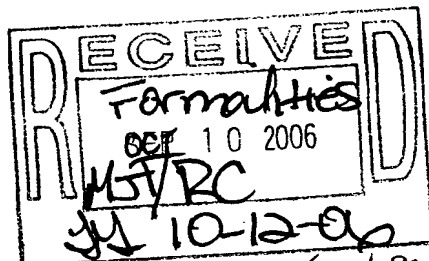
I.A. FILING DATE

04/07/2005

PRIORITY DATE

04/14/2004

24998  
 DICKSTEIN SHAPIRO LLP  
 1825 EYE STREET NW  
 Washington, DC 20006-5403



Date Mailed: 10/05/2006

CONFIRMATION NO. 5006

371 FORMALITIES LETTER



\*OC000000020703709\*

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/12/2005
- Copy of the International Search Report filed on 12/12/2005
- Information Disclosure Statements filed on 12/12/2005
- Request for Immediate Examination filed on 12/12/2005
- U.S. Basic National Fees filed on 12/12/2005
- Priority Documents filed on 12/12/2005
- Specification filed on 12/12/2005
- Claims filed on 12/12/2005
- Abstracts filed on 12/12/2005
- Drawings filed on 12/12/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

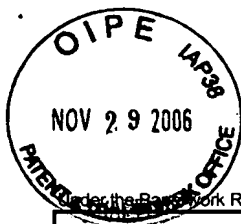
FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/560,247	PCT/JP05/07269	R2184.0471/P471

FORM PCT/DO/EO/905 (371 Formalities Notice)



PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/560,247-Conf. #5006
		Filing Date	December 12, 2005
		First Named Inventor	Takashi Takahashi
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number	R2184.0471/P471

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application  <input checked="" type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Copy of Notification of Missing Requirements Combined Declaration and Power of Attorney
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	DICKSTEIN SHAPIRO LLP		
Signature			
Printed name	Mark J. Thronson		
Date	November 29, 2006	Reg. No.	33,082